

Modi**GRANULE FOR INTRACOLIC RELEASE TYPE PHAMACEUTICAL PREPARATION****Publication Number:** 07-126153 (JP 7126153 A) , May 16, 1995**Inventors:**

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Applicants

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Application Number: 05-308500 (JP 93308500) , November 04, 1993**International Class (IPC Edition 6):**

- A61K-009/14
- A61K-031/57
- A61K-031/57

JAPIO Class:

- 14.4 (ORGANIC CHEMISTRY--- Medicine)
- 14.2 (ORGANIC CHEMISTRY--- High Polymer Molecular Compounds)

Abstract:

PURPOSE: To obtain a granule for intracolonic release type pharmaceutical preparation designed so as to enable release in a large intestine without releasing in digestive organs ranging from time when orally administered to large intestine in order to exhibit effects of medicine in large intestine.

CONSTITUTION: This granule is constituted as follows. (a) A mixed layer consisting of an amorphous pharmacologically active substance and a high polymer substance insoluble in stomach is formed on the participle surface of a pharmacologically permissible carrier substance used as a core and (b) a layer consisting of a water-insoluble and semipermeable membrane-forming high polymer substance is formed on the surface of the above-mixed layer and (c) further, a layer consisting of a high polymer substance insoluble in stomach is formed on the surface of the above layer (b). The granule has effects of (1) surely transferring medicines into large intestine, (2) improving utilizable ability of the slightly water-soluble medicine and (3) effectively releasing the medicine in large intestine.

JAPIO

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IMPACT-RESISTANT ENTERIC GRANULE AND TABLET CONTAINING THE SAME

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Application Number: 05-107608 (JP 93107608) , April 08, 1993

International Class (IPC Edition 5):

- A61K-009/50
- A61K-009/16
- A61K-009/20

JAPIO Class:

- 14.4 (ORGANIC CHEMISTRY--- Medicine)
- 14.2 (ORGANIC CHEMISTRY--- High Polymer Molecular Compounds)

JAPIO Keywords:

- R013 (MICROCAPSULES)
- R042 (CHEMISTRY--- Hydrophilic Plastics)

Abstract:

PURPOSE: To obtain an enteric granule satisfying impact resistance and mixability., intableting, etc., and a tablet containing the granule.

CONSTITUTION: The inside and the outside of coated layer of an enteric coating agent are sandwiched between cellulosic water-soluble coating film layers to form a three layer structure for forming an enteric granule having improved tableting resistance. The granule is mixed with a pharmaceutically permissible composition containing another medicine, an excipient, a disintegrator, alubricant, etc., and compression molded to give a tablet. (From: *Patent Abstracts of Japan*, Section: , Section No. FFFFFFFF, Vol. 94, No. 10, Pg. FFFFFFFF, FF, FFFF (FFFFFFFF))

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